

Pro-EX® Contractors Grade Lumber Crayon Brown

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 02/12/2014

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name. : Pro-EX® Contractors Grade Lumber Crayon Brown

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use
Use of the substance/mixture : Marking.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

LA-CO Industries Europe S.A.S.
Parc Industriel de la Plaine de
l'Ain - Allée des Combes.
01150.BLYES.France.
Phone: +33 (0)4 74 46 23 23
Fax: +33 (0)4 74 46 23 29
E-mail: info@eu.laco.com
Web: http://www.markal.com



1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

| EU Member State | Officieel adviesorgaan | Adres | Noodnummer |
|-----------------|--|---|------------------------------------|
| AUSTRIA | Vergiftungsinformationszentrale (Poisons Information Centre) | Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Wien | +43 1 406 43 43 |
| BELARUS | The Belarus Republican Poisons Centre | Kizhevatova str. 58 Minsk 220115 | +375 (0)17 201 9158 |
| BELGIUM | Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid | Rue Bruyn 1 B -1120 Bruxelles/Brussel | +32 70 245 245 |
| BULGARIA | Национален токсикологичен информационен център National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov" | 21 Totleben Boulevard 1606 SOFIA | +359 2 9154 409 |
| CROATIA | Poisons Control Centre Institute of Medical Research & Occupational Health | Ksaverska Cesta 2 P.O. Box 291 HR-10000 Zagreb | +385 1 234 8342 |
| CZECH REPUBLIC | Toxikologické informační středisko Clinic For Occupational Medicine, 1st Medical Faculty, Charles University | Na Bojišti 1 120 00 Praha 2 | +42 2 2491 9293 +42 2 2491 5402 |
| DENMARK | Gifflinjen Bispebjerg Hospital | Bispebjerg Bakke 23, 60, 1 DK-2400 København NV | +45 82 12 12 12 +45 35 31 55 55 |
| ESTONIA | Mürgistusteabekeskus | Gonsiori 29 15027 Tallinn | +372 626 93 90 |
| FINLAND | Myrkytystietokeskus | P.O.B 340 (Haartmaninkatu 4) HUS SF - 00029 Helsinki | +358 9 471 977 |
| FRANCE | ORFILA | | +33 1 45 42 59 59 |
| GERMANY | Berliner Betrieb für Zentrale Gesundheitliche Aufgaben | Oranienburger Strasse 285 13437 Berlin | +49 30 19240 |
| GERMANY | Informations und Beratungszentrum für Vergiftungsfälle | Kirrberger Straße, Gebäude 9 D-66421 Homburg/Saar | +49 6841 19240 |
| GERMANY | Beratungstelle bei Vergiftungen, Klinische Toxikologie und Beratungstelle bei Vergiftungen | Langenbeckstrasse 1 55131 Mainz | +49 6131 19240 |
| GREECE | Poisons Information Centre | 11527 Athens | +30 10 779 3777 |
| HUNGARY | Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety) Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service) | 1437 Budapest PO Box 839 1097 Budapest, Nagyvárad tér 2 | +36 80 20 11 99 |
| ICELAND | Eitrunarmiðstöðin | Eitrunarmiðstöðin 108 Reykjavik | +354 543 22 22 |
| IRELAND | National Poisons Information Centre | Beaumont Hospital PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2166 |

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| | | | |
|-------------|--|--|---|
| LATVIA | Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs | 2 Hipocrate Street LV 1038 Riga | +371 67 04 24 73 |
| LITHUANIA | Apsinuodijimų kontrolės ir informacijos biuras | Siltnamiu 29 2043 Vilnius | +370 5 236 20 52/+370 687 53 378 |
| MALTA | Medicines & Poisons Info Office | Mater Dei Hospital, Msida MSD 2090 Malta | 25450000 |
| NETHERLANDS | Nationaal Vergiftigingen Informatie Centrum National Institute for Public Health and the Environment, NB this service is only available to health professionals | Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht | +31 30 274 88 88 |
| PORTUGAL | Centro de Informação Antivenenos Instituto Nacional de Emergência Médica (INEM) | Rua Almirante Barroso, 36 1000-013 Lisboa | 808 250 143 (for use only in Portugal), +351 21 330 3284 |
| ROMANIA | Biroul pentru Regulamentul Sanitar International si Informare Toxicologica | Str. Dr. Leonte Anastasievici Nr.1-3, Sector 5 50463 Bucuresti | +40 21 318 36 06 |
| SLOVAKIA | Národné toxikologické informačné centrum University Hospital Bratislava | Limbová 5 833 05 Bratislava | +421 2 54 77 4 166 |
| SPAIN | Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid | Calle Luis Cabrera 9 E-28002 Madrid | +34 91 562 04 20 |
| SWEDEN | Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital | Box 60 500 SE-171 76 Stockholm | +46 8 33 12 31 (International) 112 (National) |
| SWITZERLAND | Centre Suisse d'Information Toxicologique | Freiestrasse 16 Postfach CH-8028 Zurich | +41 44 251 51 51 (International) 145 (National) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Carc. 1A H350

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) :

Danger.

Hazardous ingredients :

Silicon dioxide (cristobalite)

Hazard statements (CLP) :

H350 - May cause cancer
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P273 - Avoid release to the environment
P280 - Wear eye protection
P308+P313 - IF exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local and national regulations

2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixture

Components with health hazards above the applicable thresholds or with Exposure Limits are shown. Specific concentrations withheld as trade secret.

| Name | Product identifier | % | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------------------------|--|---------|--|---|
| Kaolin | (CAS No) 1332-58-7 (EC no) 310-194-1 | 50 – 60 | Not classified | Not classified |
| Iron oxide red | (CAS No) 1309-37-1 (EC no) 215-168-2 | 10 – 20 | N; R51/53 | Aquatic Chronic 2, H411 |
| Silicon dioxide (cristobalite) | (CAS No) 14808-60-7 (EC no) 238-878-4 | 10 – 20 | Not classified | Carc. 1A, H350i |

Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
- First-aid measures after skin contact : Wash with plenty of soap and water.
- First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause cancer by inhalation.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.

4.3. Indication of any immediate medical attention and special treatment needed

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : No particular fire or explosion hazard.
- Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Wear a self contained breathing apparatus. EN469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid creating or spreading dust.

6.1.1. For non-emergency personnel

- Protective equipment : Where excessive dust may result, use approved respiratory protection equipment.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Where excessive dust may result, use approved respiratory protection equipment.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Avoid generating dust. Contain and collect as any solid.
- Methods for cleaning up : Minimize generation of dust. On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place.

Incompatible products : Strong acids. Strong oxidizers. Strong bases.

7.3. Specific end use(s)

Marking.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Iron oxide red (1309-37-1) | | |
|------------------------------|---|--|
| Austria | Local name | Iron oxide fume (Fe ₂ O ₃) (as Fe) |
| Austria | MAK (mg/m ³) | 5 mg/m ³ |
| Austria | MAK Short time value (mg/m ³) | 10 mg/m ³ |
| Belgium | Local name | Fer (trioxyde de) (fumées) (en Fe) |
| Belgium | Limit value (mg/m ³) | 5 mg/m ³ |
| Belgium | Limit value (ppm) | 2 ppm |
| Belgium | Remark* | (trioxyde de; fumées, en Fe) |
| Bulgaria | Local name | Желязо-оксиди (като желязо) |
| Bulgaria | OEL TWA (mg/m ³) | 5 mg/m ³ |
| France | Local name | Fer (trioxyde de di-,fumées),en Fe |
| France | VME (mg/m ³) | 5 mg/m ³ |
| Greece | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Greece | OEL STEL (mg/m ³) | 10 mg/m ³ |
| Italy - Portugal - USA ACGIH | Local name | Iron oxide (Fe O) |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m ³) | 5 mg/m ³ |
| Italy - Portugal - USA ACGIH | Remark (ACGIH) | Pneumoconiosis |
| Spain | Local name | Óxido de hierro(III) (polvo y humos), como Fe |
| Spain | VLA-ED (mg/m ³) | 5 mg/m ³ |
| Spain | Notes | (Óxido de hierro(III) (polvo y humos), como Fe) |
| Switzerland | Local name | Oxydes de fer |
| Switzerland | VME (mg/m ³) | 3 mg/m ³ |
| Switzerland | Remark (CH) | (alveolengängiger Staub) |
| United Kingdom | WEL TWA (mg/m ³) | 10 mg/m ³ (Rouge, inhalable fraction) 4 mg/m ³ (Rouge, respirable fraction) 5 mg/m ³ (fume, as Fe) |
| United Kingdom | WEL STEL (mg/m ³) | 10 mg/m ³ (fume, as Fe) |
| Denmark | Local name | Jernoxid, beregnet som Fe |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 3.5 mg/m ³ |
| Denmark | Grænseværdie (kortvarig) (mg/m ³) | 7 mg/m ³ |
| Denmark | Anmærkninger (DK) | (Jernoxid, total dust) |
| Finland | Local name | Rautaoksidi, huurut |
| Finland | HTP-arvo (8h) (mg/m ³) | 5 mg/m ³ |
| Finland | Huomautus (FI) | (Fe) |
| Hungary | Local name | VAS(III)-OXID (Fe-ra számítva) |
| Hungary | AK-érték | 6 mg/m ³ |
| Hungary | Megjegyzések (HU) | (respirábilis por) |
| Ireland | OEL (8 hours ref) (mg/m ³) | 5 mg/m ³ (Iron oxide, fume as Fe) 10 mg/m ³ (Rouge total inhalable dust) 4 mg/m ³ (Rouge total respirable dust) |
| Ireland | OEL (15 min ref) (mg/m ³) | 10 mg/m ³ (Iron oxide, fume as Fe) |
| Lithuania | Local name | Geležies oksidas (kaip Fe), alveolinė frakcija |
| Lithuania | IPRV (mg/m ³) | 3.5 mg/m ³ |

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| Iron oxide red (1309-37-1) | | |
|--|--|---|
| Lithuania | Remark (LT) | (Piūrėk IX skyriaus 3 pastabà.) |
| Norway | Local name | Jern(III)oksid (beregnet som Fe) |
| Norway | Gjennomsnittsverdier (AN) (mg/m ³) | 3 mg/m ³ |
| Norway | Merknader (NO) | (Jern(III)oksid, beregnet som Fe) |
| Poland | Local name | Tlenki żelaza w przeliczeniu na Fe dymy |
| Poland | NDS (mg/m ³) | 5 mg/m ³ |
| Poland | NDSch (mg/m ³) | 10 mg/m ³ |
| Poland | Remark (PL) | (dymy) |
| Romania | Local name | Oxid feric (fumuri, pulberi) |
| Romania | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Romania | OEL STEL (mg/m ³) | 10 mg/m ³ |
| Slovakia | NPHV (priemerná) (mg/m ³) | 1.5 mg/m ³ (respirabilná frakcia) 4 mg/m ³ (inhalovateľná frakcia) |
| Sweden | Local name | Iron oxide (as Fe) respirable dust |
| Sweden | nivågränsvärde (NVG) (mg/m ³) | 3.5 mg/m ³ |
| Sweden | Anmärkning (SE) | (Järnoxid, respirabelt damm) |
| Portugal | Local name | Óxido de ferro |
| Portugal | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Kaolin (1332-58-7) | | |
| Austria | Local name | Kaolin |
| Belgium | Local name | Kaolin (fraction alvéolaire) |
| Belgium | Limit value (mg/m ³) | 2 mg/m ³ |
| Belgium | Remark* | (fraction alvéolaire) |
| France | VME (mg/m ³) | 10 mg/m ³ |
| France | Note (FR) | respirable aerosol |
| Italy - Portugal - USA ACGIH | Local name | Kaolin |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ |
| Italy - Portugal - USA ACGIH | Remark (ACGIH) | (respirable dust), (particulate matter containing no asbestos and <1% crystalline silica) |
| Spain | VLA-ED (mg/m ³) | 2 mg/m ³ |
| Spain | Notes | d,e |
| Switzerland | Local name | Kaolin |
| Switzerland | VME (mg/m ³) | 3 mg/m ³ |
| Switzerland | Remark (CH) | (respirable aerosol) |
| United Kingdom | Local name | Kaolin, respirable dust |
| United Kingdom | WEL TWA (mg/m ³) | 2 mg/m ³ |
| United Kingdom | Remark (WEL) | respirable aerosol |
| Denmark | Local name | Kaolin, respirabel (1996) |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 2 mg/m ³ |
| Denmark | Grænseværdie (kortvarig) (mg/m ³) | 4 mg/m ³ |
| Denmark | Anmærkninger (DK) | respirable aerosol |
| Finland | Local name | Kaoliini |
| Finland | HTP-arvo (8h) (mg/m ³) | 2 mg/m ³ |
| Finland | Huomautus (FI) | (alveolijae) |
| Ireland | Local name | Kaolin, respirable dust |
| Ireland | OEL (8 hours ref) (mg/m ³) | 2 mg/m ³ |
| Portugal | Local name | Caulino |
| Portugal | OEL TWA (mg/m ³) | 2 mg/m ³ |
| Croatia | Local name | Kaolin |
| Croatia | GVI (granična vrijednost izloženosti) (mg/m ³) | 2 mg/m ³ respirable dust |
| Silicon dioxide (cristobalite) (14808-60-7) | | |
| Austria | MAK (mg/m ³) | 0.15 mg/m ³ |
| Austria | Remark (AT) | (alveolengängige Fraktion; Jahres-Miw) |
| Belgium | Local name | Silices cristallines : quartz (poussières alvéolaires) |

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| Iron oxide red (1309-37-1) | | |
|------------------------------|--|--|
| Belgium | Limit value (mg/m ³) | 0.1 mg/m ³ |
| Belgium | Remark* | (poussières alvéolaires) |
| France | Local name | quartz |
| France | VME (mg/m ³) | 0.1 mg/m ³ |
| France | Note (FR) | (poussières alvéolaires de quartz) |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m ³) | 0.025 mg/m ³ |
| Italy - Portugal - USA ACGIH | Remark (ACGIH) | (respirable dust) |
| Spain | VLA-ED (mg/m ³) | 0.1 mg/m ³ |
| Spain | Notes | (respirable aerosol) |
| Switzerland | Local name | Dioxyde de silicium cristallisé quartz |
| Switzerland | VME (mg/m ³) | 0.15 mg/m ³ |
| Switzerland | Remark (CH) | (respirable aerosol) |
| The Netherlands | Local name | Silicium(di)oxide– kwarts |
| The Netherlands | MAC TGG 8H (mg/m ³) | 0.075 mg/m ³ |
| The Netherlands | Remark (MAC) | (Voor respirabel stof) (kankerverwekkende stof) |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 0.3 mg/m ³ (inhalable aerosol) 0.1 mg/m ³ (K, respirable aerosol) |
| Denmark | Grænseværdie (kortvarig) (mg/m ³) | 0.6 mg/m ³ (inhalable aerosol) 0.2 mg/m ³ (K, respirable aerosol) |
| Finland | Local name | Kvartsi |
| Finland | HTP-arvo (8h) (mg/m ³) | 0.05 mg/m ³ |
| Finland | Huomautus (FI) | (alveolijae) |
| Hungary | AK-érték | 0.15 mg/m ³ |
| Hungary | Megjegyzések (HU) | (respirable aerosol) |
| Ireland | Local name | Quartz, respirable dust, (see Silica, crystalline) |
| Ireland | OEL (8 hours ref) (mg/m ³) | 0.1 mg/m ³ |
| Lithuania | Local name | Kvarcas, silicio dioksido atmaina, alveolinė frakcija |
| Lithuania | IPRV (mg/m ³) | 0.1 mg/m ³ |
| Lithuania | Remark (LT) | (Piūrėk IX skyriaus 3 pastabà) |
| Poland | NDS (mg/m ³) | 2 mg/m ³ (krzemionke powyzej 50%; pyl calkowity) 0.3 mg/m ³ (krzemionke powyzej 50%; pyl respirabilny) 2 mg/m ³ (krzemionke od 2% do 50%; pyl calkowity) 0.3 mg/m ³ (krzemionke od 2% do 50%; pyl respirabilny) |
| Slovakia | NPHV (priemerná) (mg/m ³) | 0.1 mg/m ³ |
| Slovakia | Upozornenie (SK) | (Dokázaný karcinogén pre ľudí, R) |
| Sweden | Local name | Quartz respirable dust See also Cristobalite and Tridymite |
| Sweden | nivågränsvärde (NVG) (mg/m ³) | 0.1 mg/m ³ |
| Sweden | Anmärkning (SE) | (respirabelt damm; M, 1) |
| Portugal | Local name | Silica, cristalina α - Quartzo |
| Portugal | OEL TWA (mg/m ³) | 0.025 mg/m ³ |
| Croatia | Local name | Kristalni SiO ₂ , kvarc |
| Croatia | GVI (granična vrijednost izloženosti) (mg/m ³) | 0.1 mg/m ³ |

8.2. Exposure controls

| | |
|----------------------------------|---|
| Appropriate engineering controls | : Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Ensure good ventilation of the work station. |
| Personal protective equipment | : Avoid all unnecessary exposure. |
| Hand protection | : None under normal use. |
| Eye protection | : No special eye protection equipment recommended under normal conditions of use. In case of dust production: protective goggles. EN 166. |
| Respiratory protection | : In case of inadequate ventilation wear respiratory protection. Use air-purifying respirator equipped with particulate filtering cartridges. EN 12083. |
| Other information | : Do not eat, drink or smoke when using this product. |

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-------------------------------|
| Physical state | : Solid |
| Appearance | : A solid crayon-like marker. |
| Colour | : brown. |
| Odour | : wax like. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : 60 - 85 °C |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 177 °C |
| Self ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : insoluble in water. |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

| | |
|-------------|-------|
| VOC content | : 0 % |
|-------------|-------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Iron oxide red (1309-37-1)

| | |
|---------------|---------------|
| LD50 oral rat | > 10000 mg/kg |
|---------------|---------------|

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

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| | |
|---|---|
| Specific target organ toxicity (single exposure) | : Not classified (Based on available data, the classification criteria are not met) |
| Specific target organ toxicity (repeated exposure) | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

| | |
|-----------------------------------|------------------|
| Iron oxide red (1309-37-1) | |
| EC50 Daphnia 1 | > 100 mg/l |
| Kaolin (1332-58-7) | |
| LC50 fishes 1 | > 1000 mg/l 96 h |
| EC50 Daphnia 1 | > 1000 mg/l 48 h |

12.2. Persistence and degradability

| | |
|--|---|
| Pro-EX® Contractors Grade Lumber Crayon Brown | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| Kaolin (1332-58-7) | |
| Persistence and degradability | Not readily biodegradable. |

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

| | |
|--|--|
| Pro-EX® Contractors Grade Lumber Crayon Brown | |
| PBT: not yet assessed | |
| vPvB: not yet assessed | |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--------------------------------|---|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Ecology - waste materials | : Avoid release to the environment. |
| EURLW code | : For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. |
| H code | : H14 - 'Ecotoxic': waste which presents or may present immediate or delayed risks for one or more sectors of the environment. H7 - 'Carcinogenic': substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may induce cancer or increase its incidence. |

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

Not considered a dangerous good for transport regulations

14.2. UN proper shipping name

Proper Shipping Name (ADR) :

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

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14.6.2. Transport by sea

No additional information available

14.6.3. Inland waterway transport

Carriage prohibited (ADN) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Pro-EX® Contractors Grade Lumber Crayon Brown is not on the REACH Candidate List

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

VOC content : 0 %

15.1.2. National regulations

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

All ingredients are listed in the Toxic Substances Control Act (TSCA).

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

Germany

Water hazard class (WGK) : 2 - hazardous to water

WGK remark : Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Original Document.

Data sources

: ACGIH 2000.

Canadian Centre for Occupational Health and Safety. Accessed at:
http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html.

ESIS (European chemical Substances Information System; accessed at:
<http://esis.jrc.ec.europa.eu/index.php?PGM=cla>.

European Chemicals Agency (ECHA) Registered Substances list. Accessed at
<http://echa.europa.eu/>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.

National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition.

OSHA 29CFR 1910.1200 Hazard Communication Standard.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

TSCA Chemical Substance Inventory. Accessed at
<http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

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according to Regulation (EC) No. 453/2010

Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists).
ATE: Acute Toxicity Estimate.
CAS (Chemical Abstracts Service) number.
CLP: Classification, Labelling, Packaging.
EC50: Environmental Concentration associated with a response by 50% of the test population.
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
LD50: Lethal Dose for 50% of the test population.
OSHA: Occupational Safety & Health Administration.
PBT: Persistent, Bioaccumulative, Toxic.
PNEC: Predicted No Effect Level.
STEL: Short Term Exposure Limits.
TSCA: Toxic Substances Control Act.
TWA: Time Weight Average.

Other information : None.

Full text of R-, H- and EUH-phrases::

| | |
|-------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Carc. 1A | Carcinogenicity Category 1A |
| Carc. 1A | Carcinogenicity (inhalation) Category 1A |
| H350 | May cause cancer |
| H350i | May cause cancer by inhalation |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| N | Dangerous for the environment |

Pro-EX® Contractors Grade Lumber Crayon Brown classification:

| | | |
|-------------------|--|--|
| Aquatic Chronic 3 | <input type="checkbox"/> On basis of test data | <input checked="" type="checkbox"/> Calculation method |
| Carc. 1A | <input type="checkbox"/> On basis of test data | <input checked="" type="checkbox"/> Calculation method |

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LA-CO EU CLP SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.